



# Hoosier Riverwatch Water Quality Monitoring Equipment

## 2008 APPLICATION

Hoosier Riverwatch is now accepting equipment applications from Indiana schools, governmental agencies, and nonprofit organizations. Each water-monitoring equipment package provides equipment for participants in the statewide volunteer stream monitoring program. Please note that the chemical testing equipment is different from equipment awarded prior to 2004.

The award process is competitive. Please complete your application in detail so that we may fully assess your organization's suitability as a recipient. Submit completed applications to:

**Hoosier Riverwatch Equipment Program**  
**Fort Harrison State Park-NREC**  
**5785 Glenn Road**  
**Indianapolis, IN 46216**  
**Fax: (317) 562-0790**

**For questions:**  
(317) 541-0617  
riverwatch@dnr.in.gov  
riverinfo@dnr.in.gov  
dday@dnr.in.gov

<b>Completed applications must be postmarked by March 14, 2008!</b>
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### Complete Application checklist:

- ☐ 2008 Water Quality Monitoring Equipment Program Application (pages 2-5)
- ☐ Cooperative Agreement signed by president/principal **and** primary contact person  
(Be sure to read the Cooperative Agreement carefully. If you can't satisfy all the requirements, please do not apply for this program. Also, be sure to sign it on page 5!)
- ☐ Copy of your organization's Articles of Incorporation verifying nonprofit status (first page). *This document is not required from schools or governmental agencies.*

Hoosier Riverwatch is Indiana's statewide volunteer stream monitoring and education program. It is operated by the Indiana Department of Natural Resource's Division of Fish & Wildlife with grant support from Sport Fish Restoration funds. Hoosier Riverwatch collaborates with agencies and volunteers to:

- ◆ Increase public involvement in water quality issues through hands-on training of volunteers in stream monitoring and cleanup activities.
- ◆ Provide water quality information to citizens and governmental agencies working to protect Indiana's rivers and streams.

Since 1996, Hoosier Riverwatch has awarded equipment packages to volunteer groups throughout Indiana. These award recipients form the foundation of the Hoosier Riverwatch network. Equipment recipients **must**: a) attend a Hoosier Riverwatch training workshop; b) monitor their selected stream/river segments at least **four (4) times a year for two (2) years** and submit data on-line, and c) complete and submit four (4) activity reports. These full day workshops are free and are held at various locations statewide from May - October. Workshop participants gain hands-on experience and learn how to assess a stream's water quality utilizing physical, chemical, and biological methods. Award recipients must attend a required training workshop before receiving their equipment. Recipients may pick up equipment at a regularly-scheduled training workshop or at the Hoosier Riverwatch office in Indianapolis.

## EQUIPMENT APPLICATION March 2008 continued . . .

Which equipment package are you interested in receiving? Please check one box only.

☐ **Both the Chemical Testing and Biological Monitoring Equipment Packages**

Most applicants will select this option.

☐ **Chemical Testing Equipment Package**

This package provides simple chemical testing methods suitable for adults with no previous experience, as well as students from elementary through high school. Equipment provided in this package tests for dissolved oxygen, BOD, temperature, phosphate, nitrate/nitrite, and turbidity.

☐ **Biological Monitoring Equipment Package**

This package includes equipment necessary to sample a shallow (wadeable) stream or river site for benthic macroinvertebrates – aquatic organisms living in the streambed. If your intended site is too deep for this type of monitoring, you will not need this equipment.

\* A complete listing of equipment provided in each package is provided in the Cooperative Agreement on page 5.

### Primary Contact Information

(Please check your preference for your primary address for the Riverwatch quarterly newsletter, mailings, and e-mails.)

Name

Address

City, State, Zip

County

Phone Number

Alternate Phone Number

Fax Number

E-mail Address

Alternate E-mail Address

Date Trained/Location (if applicable)

### Organization Information

(Please provide us with information about the sponsoring organization.)

Name of Organization

Name of Director/Principal

Address

City, State, Zip

Phone Number

E-mail Address

Goals of Organization

## EQUIPMENT APPLICATION March 2008 continued . . .

- 1. What are the goal(s) of your monitoring efforts (e.g., education, pollution identification, community service)?**
- 2. How will your organization and surrounding communities benefit from your monitoring?**
- 3. Are you willing to serve as a Riverwatch mentor <sup>1</sup> in your area?**

**I. A Riverwatch mentor serves as a resource in their community to answer questions regarding the program, sampling, and may assist in actual field work.**

**COOPERATIVE AGREEMENT – March 08 EQUIPMENT PROGRAM,**  
between Hoosier Riverwatch of the Indiana Department of Natural Resources and

\_\_\_\_\_  
(Organization's complete name.)

This cooperative agreement is made and entered into by Hoosier Riverwatch and the organization written above to identify responsibilities, expectations, duties, and procedures related to the awarding of water quality monitoring equipment to eligible organizations in the State of Indiana. The awarding of such equipment supports the primary goal of Hoosier Riverwatch to increase public awareness of water quality issues by training volunteers in stream monitoring and environmental stewardship activities.

**In accordance with this Cooperative Agreement, the equipment award recipient shall:**

- ☐ Select one or more river/stream site(s) for regular water quality monitoring.
- ☐ Monitor the selected site(s) a minimum of **four (4) times per year** (with at least one month between sampling dates) for a **two-year (2)** period, beginning Summer/Fall 2008.
- ☐ **Maintain equipment** and order refill chemicals and replacement supplies, if needed.
- ☐ Provide **activity reports** of monitoring activities, testing results, and other uses of the equipment to Hoosier Riverwatch using designated report forms. A total of four (4) reports are required during the 2-year period.
- ☐ Attend a Hoosier Riverwatch training workshop before receiving an **Equipment Package** (during the regular 2008 May-October training season) or
- ☐ If already attended training, make arrangements to obtain the equipment during a 2008 Riverwatch training workshop, or from the Riverwatch office at Fort Harrison State Park, Indianapolis, during the Summer/Fall of 2008.
- ☐ Arrange for the return of the equipment if for any reason the equipment recipient can not satisfy these terms during the two-year agreement period.

<p><b>NOTICE! The primary contact is responsible for contacting Hoosier Riverwatch with new contact information or to return the equipment if moving, changing jobs, or quitting the program!</b></p>
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**In accordance with this Cooperative Agreement, Hoosier Riverwatch shall:**

- ☐ Provide introductory and advanced training workshops in water monitoring.
- ☐ Serve as manager for the statewide Volunteer Stream Monitoring Internet Database – online at [www.HoosierRiverwatch.com](http://www.HoosierRiverwatch.com)
- ☐ Act as a source for on-going consultation and support.
- ☐ Provide water monitoring equipment packages containing the following items:

**Chemical Testing Package**

- Chemetrics kits for dissolved oxygen and orthophosphate, test strips for pH and nitrate/nitrite, one thermometer, one transparency tube, one BOD bottle
- one copy of the Healthy Water Healthy People *Testing Kit Manual*
- one copy of Riverwatch's *Volunteer Stream Monitoring Training Manual*

**Biological Monitoring Package**

- one kick seine net without poles
- one aquatic dip net with 4' handle
- one set of color macroinvertebrate identification cards
- two bug magnifying cubes
- one copy of Golden Guide's *Pond Life*

**Failure of the recipient to meet the terms listed above will result in the return of all equipment. Both parties accept the terms of this agreement:**

\_\_\_\_\_  
President/Director/Principal of Organization

\_\_\_\_\_  
Hoosier Riverwatch Coordinator  
Indiana Department of Natural Resources

\_\_\_\_\_  
Primary Contact (if different from above)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**Submit complete application (pages 2-5) and First Page of Nonprofit Articles of Incorporation (not required from schools or gov't. agencies) by March 14 via email, fax or mail:**

Hoosier Riverwatch Application  
Fort Harrison State Park-NREC  
5785 Glenn Road  
Indianapolis, IN 46216  
Fax: (317) 562-0790  
Email: [riverwatch@dnr.IN.gov](mailto:riverwatch@dnr.IN.gov)